

Rat Cluster of Differentiation 200 ELISA Kit | CD200 elisa kit

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CATALOG #
AAA84759

REACTIVITY
Rat

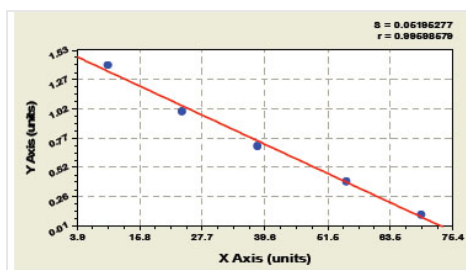
PRODUCT SYNONYMS

Cluster of Differentiation 200; Rat Cluster of Differentiation 200 ELISA Kit; CD200 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Intended Uses	This CD200 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat CD200. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CD200 elisa kit

Principle of the assay: CD200 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-CD200 antibody and an CD200-HRP conjugate. The assay sample and buffer are incubated together with CD200-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the CD200 concentration since CD200 from samples and CD200-HRP conjugate compete for the anti-CD200 antibody binding site. Since the number of sites is limited, as more sites are occupied by CD200 from the sample, fewer sites are left to bind CD200-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CD200 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for CD200 elisa kit

Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	4204910
NCBI GeneID	6359
Molecular Weight	12,248 Da
NCBI Official Full Name	chemokine
NCBI Official Synonym Full Names	chemokine (C-C motif) ligand 15
NCBI Official Symbol	CCL15
NCBI Official Synonym Symbols	LKN1; NCC3; SY15; HCC-2; LKN-1; MIP-5; NCC-3; SCYL3; MIP-1D; MRP-2B; SCYA15; HMRP-2B; MIP-1 delta
NCBI Protein Information	C-C motif chemokine 15; leukotactin 1; chemokine CC-2; new CC chemokine 3; small-inducible cytokine A15; macrophage inflammatory protein 5; small inducible cytokine subfamily A (Cys-Cys), member 15
UniProt Protein Name	C-C motif chemokine 15
UniProt Gene Name	CCL15
UniProt Synonym Gene Names	MIP5; NCC3; SCYA15; HCC-2; LKN-1; MIP-5
UniProt Entry Name	CCL15_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/cd200-rat-elisa-kits/cluster-of-differentiation-200/84759>